

Federal Communications Commission

§ 90.303

§ 90.281 Restrictions on operational fixed stations in the 421–430 MHz band.

(a) Except for control stations, operational fixed facilities will not be authorized in the 421–430 MHz band. This does not preclude secondary fixed tone signaling and alarm operations authorized in § 90.235.

(b) Control stations associated with one or more mobile relay stations will be authorized only on the assigned frequency of the associated mobile station. Use of a mobile service frequency by a control station of a mobile relay system is subject to the condition that harmful interference shall not be caused to stations of licensees authorized to use the frequency for mobile service communications.

[52 FR 6158, Mar. 2, 1987, as amended at 54 FR 38681, Sept. 20, 1989]

§ 90.283 [Reserved]

Subpart L—Authorization in the Band 470–512 MHz (UHF-TV Sharing)

§ 90.301 Scope.

This subpart governs the authorization and use of frequencies by land mobile stations in the band 470–512 MHz on a geographically shared basis with Television Broadcast stations. Under this special sharing plan, different frequencies are allocated depending on the geographic urban area involved as fully detailed in the following rule sections.

[43 FR 54791, Nov. 22, 1978, as amended at 62 FR 18932, Apr. 17, 1997]

§ 90.303 Availability of frequencies.

Frequencies in the band 470–512 MHz are available for assignment in the urbanized areas listed below. The specific frequencies available are listed in § 90.311 of this part. Note: Coordinates are referenced to North American Datum 1983 (NAD83).

Urbanized area	Geographic center		Channel	Frequencies (megahertz)
	North latitude	West longitude		
Boston, MA	42° 21' 24.4"	71° 03' 23.2"	14	470–476
Chicago, IL ³	41° 52' 28.1"	87° 38' 22.2"	16	482–488
Cleveland, OH ⁴	41° 29' 51.2"	81° 41' 49.5"	14	470–476
Dallas/Fort Worth, TX	32° 47' 09.5"	96° 47' 38.0"	16	482–488
Detroit, MI ⁵	42° 19' 48.1"	83° 02' 56.7"	15	476–482
Houston, TX	29° 45' 26.8"	95° 21' 37.8"	16	482–488
Los Angeles, CA ⁶	34° 03' 15.0"	118° 14' 31.3"	17	488–494
Miami, FL	25° 46' 38.4"	80° 11' 31.2"	14	470–476
New York/N.E. NJ	40° 45' 06.4"	73° 59' 37.5"	14	470–476
Philadelphia, PA	39° 56' 58.4"	75° 09' 19.6"	15	476–482
Pittsburgh, PA	40° 26' 19.2"	79° 59' 59.2"	19	500–506
San Francisco/Oakland, CA	37° 46' 38.7"	122° 24' 43.9"	20	506–512
Wash., DC/MD/VA	38° 53' 51.4"	77° 00' 31.9"	14	470–476
			15	476–482
			18	494–500
			16	482–488
			17	488–494
			17	488–494
			18	494–500

³ In the Chicago, IL, urbanized area, channel 15 frequencies may be used for paging operations in addition to low power base/mobile usages, where applicable protection requirements for ultrahigh frequency television stations are met.

⁴ Channels 14 and 15 are not available in Cleveland, OH, until further order from the Commission.

⁵ Channels 15 and 16 are not available in Detroit, MI, until further order from the Commission.

⁶ Channel 16 is available in Los Angeles for use by public safety users.